OHAUS®

Shown with optional tower mount

The OHAUS Explorer® Series has risen to the next level of ingenuity—expanding on its modern features and design to offer unmatched functionality in a line of high-performance balances unlike any other on the market.

The Explorer series now includes three high-capacity precision models with capacities up to 35 kg. Explorer high-capacity balances offer the same intuitive features, such as AutoCal™ and a 1 second stabilization time, with additional functions and attributes to support higher capacity weighing applications.

Modular Design

• **5.7" color VGA touch screen optimizes viewing and menu navigation**

• **Two sensors on display offer hands-free operation**

• **The display can be separated from the base up to 1.5 meters in order to fit operational needs in almost any workspace. A 9 meter cable is also available when additional flexibility is needed.**

Superior protection in rugged or unstable environments

• **With a die-cast metal base, 377 × 311 mm stainless steel pan and thick metal housing, Explorer High Capacity is built to withstand daily wear and tear**

• **2-D Protection prevents shock and damage associated with movement and forces applied to the balance**

• **IP54 protection guards balance and weighing cell from damage by dry particles, humidity and accidental spills/splashes. (High Capacity models only)**
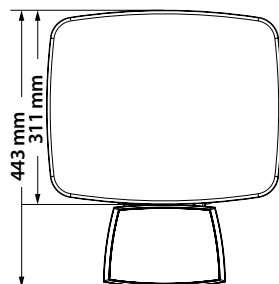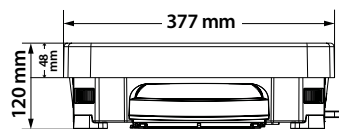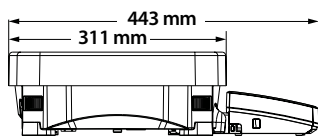
Accessories for Added Efficiency

• **Adjustable rolling feet provide assistance in easily moving the balance**

• **Rechargeable battery option provides 10 hours of operation away from a power source**

Explorer® *Analytical and Precision Balances*

Model	EX12001	EX24001	EX35001
Type Approved	**EX12001M**	**EX24001M**	**EX35001M**
Capacity (g)	12000	24000	35000
Readability (g)	0.1	0.1	0.1
Verification Interval, Approved Models	1	1	1
Class, Approved Models	II	II	II
Repeatability std (g)	±0.1	±0.1	±0.1
Linearity (g)	±0.2	±0.2	±0.2
Stabilization Time	≤1	≤1	≤1
Sensitivity Draft (PPM/°C)	3	3	3
Typical Min-Weight (USP, K=3, U=0.1%)	210g	210g	210g
Typical Min-Weight (GLP K=2, U=0.1%)	140g	140g	140g
Weighing Applications	Weighing, Percent Weighing, Parts Counting, Check Weighing, Dynamic/Animal Weighing, Filling, Totalization, Formulation, Differential Weighing, Density Determination, Peak Hold, Ingredient Costing, SQC		
Weighing Units	g, kg, ct, gn, lb, oz , ozt, N, dwt, hkt, sgt, twt, mom, tical, msg, tola, Custom Unit 1, Custom Unit 2, Custom Unit 3		
Weighing Units, Approved Models	g, kg, ct		
Pan Size (in/cm)	377 × 311 mm		
Calibration	AutoCal™ internal calibration		
Tare Range	To capacity by subtraction		
Power Requirement	Power Input 100-240 VAC 0.5-0.25A 47-63 Hz, Power Output: 24 VDC, 0.63 A, 15W		
Display Type	Full-color VGA graphic display, 4-wire resistive touch screen		
Display Size	145 mm (diagonal)		
Display Housing (W × H × D)	195 × 90 × 154 mm		
Base Housing (W × H × D)	377 × 120 × 443 mm		
Communication	Standard RS232, USB, Optional Ethernet, 2nd RS232		
Operating Temperature Range	10°C to 30°C		
Operating Humidity Range	15% to 80% at 30°C, decreasing linearly to 50% at 40°C, non-condensing		
Storage Conditions	-10°C to 60°C at 10% to 90% relative humidity, non-condensing.		
Net Weight	10 kg		
Shipping Weight	12.5 kg		
Shipping Dimensions	665 × 525 × 330 mm		

* EC Type Approved models only

Outline Dimensions

Compliance

• **Metrology:** EC, OIML, NTEP, Measurement Canada (Class I, 320000e; Class II, 42000e)

• **Product Safety:** IEC/EN 61010-1:2001; CAN/CSA-C22.2 No. 61010-1-04; UL Std. No. 61010-1 (2nd Edition)

• **Electromagnetic Compatibility:** EN61326-1:2006 (Class B); C-Tick; FCC, Part 15, Class A ; ICES-003

• **Environment:** RoHS; WEEE

Accessories

Tower Kit	30078082	**Foot Switch Kit**	83021086
Display Extension Cable	83021083	**RS232 Cable, PC 25 Pin**	80500524
Density Determination Kit	80253384	**RS232 Cable, PC 9 Pin**	80500525
Security Device (Cable & Lock)	80850000	**SF40A Impact Printer**	30045641
Security Device (Laptop Lock)	80850043	**RS232 Cable SF40A Impact Printer**	12122603
Interface Cable, USB (Type A to B)	83021085	**Compact Thermal Printer**	80251992
Second RS232 Kit	83021081	**Paper for Dot Matrix Printer**	12120714
RS232 Cable and Adapter to 80251992 Printer	80252581	**Ink Ribbon for Dot Matrix Printer**	12120798
Ethernet Kit	83021082	**Adjustable Rolling Feet**	30041470
External Rechargeable Battery Pack	30041295	**OHAUS DAS Software**	80253300
		Auxiliary Display PAD7	80251396

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